

The applicator container according to the present invention may also be in a variety of shapes and sizes depending on the intended use. For example, for application of limited amounts of polymerizable and/or cross-linkable material, the applicator container may be a syringe, a tube, a vial, a bulb or a pipette. For applications of the polymerizable and/or cross-linkable material in greater amounts, applicator containers such as, for example, tanks or reactor vessels may be utilized. --

IN THE CLAIMS:

Please replace claims 1, 22-27, 30-33, 50-55, 58-63, 65, 71-72, 82 and 86 as follows:

1. (Amended) An article of manufacture for dispensing a liquid adhesive, said article comprising

- an applicator body,
- a liquid adhesive contained within said applicator body,
- a solid support attached to said applicator body and in a non-contacting relationship with said liquid adhesive, and
- a first polymerization initiator or rate modifier loaded in or on said solid support, wherein said first polymerization initiator or rate modifier is selected from the group consisting of quaternary ammonium salts and tertiary amines.

22. (Amended) The article of manufacture of claim 1, wherein said first polymerization initiator or rate modifier is chemically bonded to a material forming said solid support.

23. (Amended) The article of manufacture according to claim 22, wherein said solid support comprises a polymerized material.

24. (Amended) The article of manufacture according to claim 22, wherein said solid support comprises a material selected from the group consisting of metal, glass, paper, ceramics, and cardboard.

25. (Amended) The article of manufacture according to claim 22, wherein said solid support comprises a plastics material.

26. (Amended) The article of manufacture according to claim 22, wherein said solid support is at least one of porous, absorbent and adsorbent in nature.

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27. (Amended) The article of manufacture according to claim 22, further comprising a second polymerization initiator or rate modifier loaded in or on said solid support, wherein said second polymerization initiator or rate modifier is different from said first polymerization initiator or rate modifier.

30. (Amended) The article of manufacture according to claim 27, wherein said second polymerization initiator or rate modifier is adsorbed or absorbed on said solid support.

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31. (Amended) A method of making the article of manufacture of claim 1, comprising:

loading said first polymerization initiator or rate modifier into said solid support during manufacture of the solid support;

disposing said liquid adhesive within said applicator body; and

disposing said solid support at an open end of said applicator body.

32. (Amended) The method of claim 31, wherein said loading step comprises mixing said first polymerization initiator or rate modifier with a precursor material of said solid support.

33. (Amended) The method of claim 32, wherein said mixing is conducted prior to molding said solid support.

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50. (Amended) The method of claim 31, wherein said first polymerization initiator or rate modifier is chemically bonded to a material forming said solid support.

51. (Amended) The method of claim 50, wherein said solid support comprises a polymerized material.

52. (Amended) The method of claim 50, wherein said solid support comprises a material selected from the group consisting of metal, glass, paper, ceramics, and cardboard.

53. (Amended) The method of claim 50, wherein said solid support comprises a plastics material.

54. (Amended) The method of claim 50, wherein said solid support is at least one of porous, absorbent and adsorbent in nature.

55. (Amended) The method of claim 50, further comprising loading a second polymerization initiator or rate modifier in or on said solid support subsequent to manufacture of said solid support, wherein said second polymerization initiator or rate modifier is different from said first polymerization initiator or rate modifier

58. (Amended) The method of claim 55, wherein said second polymerization initiator or rate modifier is adsorbed or absorbed on said solid support.

59. (Amended) The method of claim 31, wherein said loading step comprises:
mixing said first polymerization initiator or rate modifier with pellets of a polymeric material; and
molding said mixture to form said solid support.

60. (Amended) The method of claim 31, wherein said loading step comprises mixing said first polymerization initiator or rate modifier with pellets of a polymeric material while molding said pellets to form said solid support.

61. (Amended) The method of claim 31, wherein said loading step comprises:
forming said solid support in a mold; and
applying said first polymerization initiator or rate modifier to said mold as a release agent, in an amount sufficient for said first polymerization initiator or rate modifier to be loaded in or on said solid support.

62. (Amended) The method of claim 31, wherein said loading step comprises:
 mixing said first polymerization initiator or rate modifier with foam precursor
 materials; and
 forming a foam from said foam precursor materials to form said solid support.

63. (Amended) The method of claim 31, wherein said loading step comprises
 mixing said first polymerization initiator or rate modifier with a foam material while blowing
 or expanding said foam material, to form said solid support.

65. (Amended) An article of manufacture for dispensing a liquid adhesive, said
 article comprising
 an applicator body,
 a liquid adhesive contained within said applicator body,
 a solid support attached to said applicator body and in a non-contacting
 relationship with said liquid adhesive, and
 an exchange resin that functions as at least one of a stabilizer or as a
 polymerization initiator or rate modifier for said liquid adhesive.

71. (Amended) The article of manufacture of claim 65, wherein said exchange
 resin is located in or on said solid support.

72. (Amended) An article of manufacture for dispensing a liquid adhesive, said
 article comprising
 an applicator body,
 a liquid adhesive and a phase transfer catalyst contained within said applicator
 body, and
 a solid support attached to said applicator body and through which said liquid
 adhesive is dispensed.

~~AS~~ ~~AG~~ 82. (Amended) The article of manufacture of claim 72, further comprising a polymerization initiator or rate modifier loaded in or on said solid support.

~~AG~~ ~~AG~~ ¹⁰ 86. (Amended) The article of manufacture of claim 82, wherein said polymerization initiator or rate modifier is adsorbed or absorbed on said solid support.

Please add new claims 96-102 as follow:

-- 96. The article of manufacture according to claim 1, wherein said solid support is a porous applicator tip. --

^{A"} ~~AG~~ ~~AG~~ -- 97. The article of manufacture according to claim 65, wherein said solid support is a porous applicator tip. --

-- 98. The article of manufacture according to claim 72, wherein said solid support is a porous applicator tip. --

-- 99. An article of manufacture for dispensing a liquid adhesive, said article comprising

an applicator body,

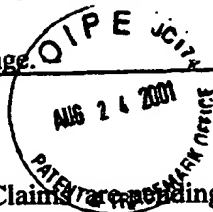
a solid support, and

a first polymerization initiator or rate modifier loaded in or on said solid support, wherein said first polymerization initiator or rate modifier is selected from the group consisting of quaternary ammonium salts and tertiary amines. --

-- 100. The article of manufacture according to claim 99, further comprising a liquid adhesive, wherein said liquid adhesive is in a non-contacting relationship with said first polymerization initiator or rate modifier prior to use. --

-- 101. The article of manufacture according to claim 99, wherein said applicator body is selected from the group consisting of a syringe, a tube, a vial, a bulb, a pipette, a tank and a reactor vessel. --

-- 102. The article of manufacture according to claim 99, wherein said applicator body
is a syringe.



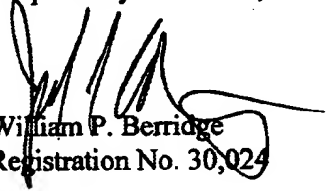
REMARKS

Claims are pending herein. By this Amendment, claims 1, 22-27, 30-33, 50-55, 58-63, 65, 71-72, 82 and 86 are amended and new claims 96-102 are added. No new matter is added.

The specification is amended at page 7 to insert new paragraphs. This amendment is supported by the specification as filed, at page 1, lines 4-14. The amended material is taken from U.S. Patent No. 5,928,611, which corresponds to parent U.S. Patent Application No. 08/488,411. See U.S. Patent No. 5,928,611 at col. 8, lines 5-31 and claim 1.

Should the Examiner believe that anything further would be desirable in order to place this application in better condition for allowance, the Examiner is invited to contact Applicants' undersigned representative at the telephone number listed below.

Respectfully submitted,


William P. Berridge
Registration No. 30,024

Joel S. Armstrong
Registration No. 36,430

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Attachment:
Appendix

Date: August 24, 2001

OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400

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